

ORIGINAL
(Red)

R-585-10-9-25

SITE VISIT SUMMARY REPORT
FOR
NATIONAL GYPSUM
PREPARED UNDER

TDD NO. F3-8909-07
EPA NO. PA-589
CONTRACT NO. 68-01-7346

FOR THE
HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

OCTOBER 18, 1989

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY

REVIEWED BY

APPROVED BY

(b) (4)

PROJECT MANAGER

SECTION SUPERVISOR

ASSISTANT MANAGER

1.0 FIELD TRIP REPORT

1.1 Summary

On Tuesday, October 10, 1989, NUS FIT 3 members David Spencer, Alicia Shultz, Charles Meyer, Rosemarie Ehrgott, David Urda, and Steven Sottung conducted a site inspection at the National Gypsum site, located in West Conshohocken, Pennsylvania. The team was granted access by Robin Call, of Smith Kline and French, the property owners. Mr. Call and as representatives of Wastex, Industries, Incorporated accompanied the FIT during the site visit. Wastex conducted quarterly sampling of the site utilizing the FIT samplers. The weather during the inspection was sunny and cool, with temperatures near 50°F.

A total of 12 aqueous and 2 solid samples, including blanks and duplicates, were collected (see attachment 2).

Deviations from the Sampling Plan

- Aqueous and sediment samples were not obtained from the intermittent stream. The stream was fed solely by the basin discharge and flowed approximately 1/4 mile to Gulph Creek.
- Sediment samples were obtained from one location within a retention basin that receives stormwater runoff from the site.

Why? called C. Meyer 11/10/89. He will check. PL

1/8/90 Banks were too steep + intervening streams down stream of side.

1.2 Persons Contacted

1.2.1 Prior to Field Trip

James Hagen
Director
Environmental Services
Smith Kline and French Laboratories
709 Swedeland Road
King of Prussia, PA 19406-2799
(215) 270-7398

Don Silversen
Montgomery County Public Works
Montgomery County Courthouse
Norristown, PA 19404
(215) 278-3045

Vincent Kaitz
Director
Solid Waste Division
Montgomery County Public Works
Montgomery County Courthouse
Norristown, PA 19404
(215) 278-3045

(b) (4)
Consultant
Gannett Fleming
650 Park Avenue
P.O. Box 368
King of Prussia, PA 19406
(215) 337-1550

1.2.1 Prior to Field Trip (continued)

Koge Suto, Jr.
U.S. EPA
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107
(215) 597-7713

Woodrow Cole
Pennsylvania Department of
Environmental Resources
1875 New Hope Street
Norristown, PA 19404
(215) 270-1948

1.2.2 At the Site

Robin Call
Smith Kline and French Laboratories
709 Swedeland Road
King of Prussia, PA 19406-2799
(215) 270-7398

Bruce Brown
Montgomery County Public Works
Montgomery County Courthouse
Norristown, PA 19404
(215) 278-3045

1.2.3 Water Supply Well Information

No home wells were identified or sampled during the site inspection. All residents within one mile of the site are expected to be served by public water system.

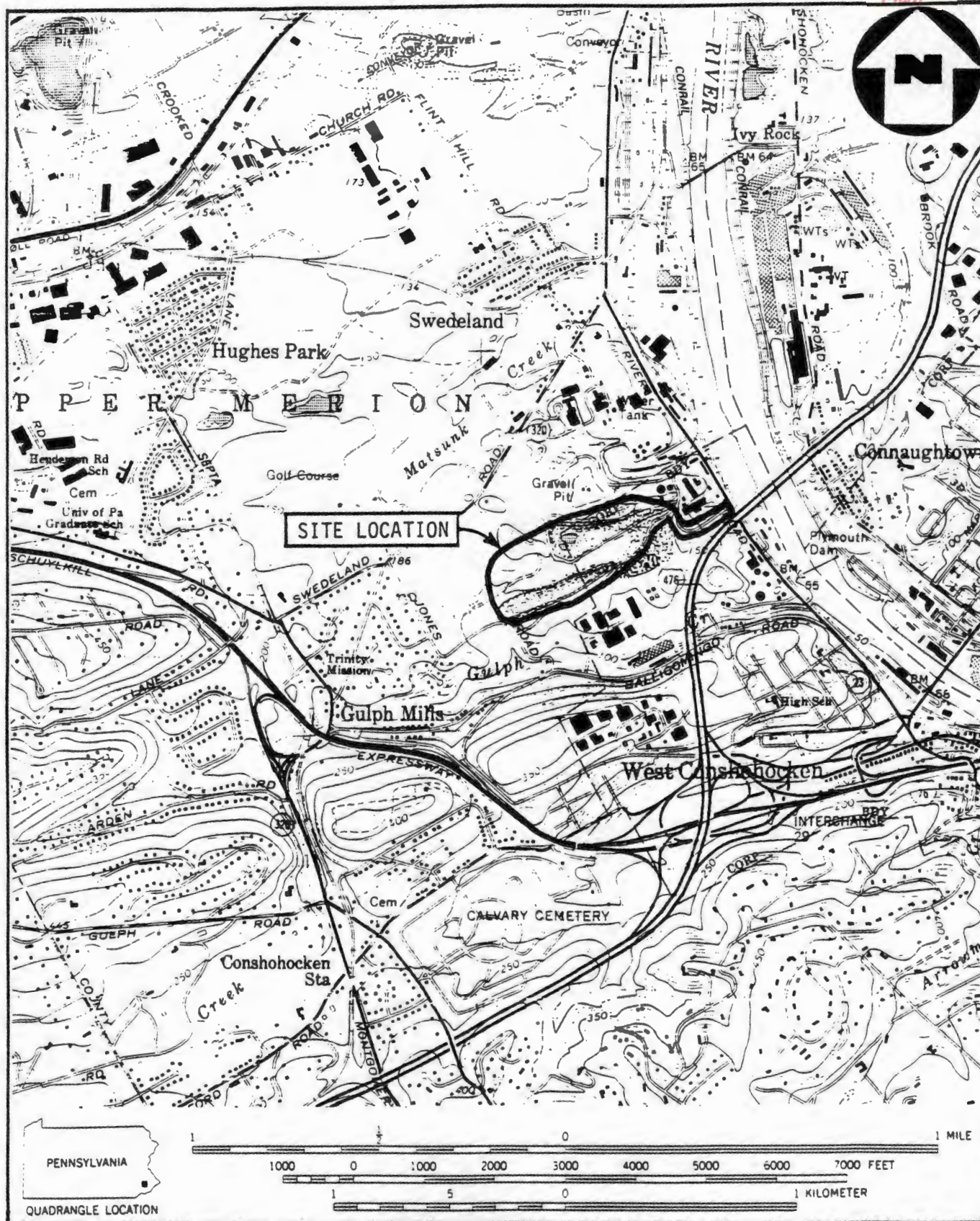
1.3 Site Observations

- The HNU background reading was 2.0 ppm; no readings above background were recorded.
- The radiation mini-alert was set on the X1 scale; no readings above background were recorded.
- Methane gas was collected from the landfill areas via a network of gas wells. The methane is utilized by Smith Kline and French Laboratories to produce electricity.
- Leachate collection systems were in place in both landfill areas. Leachate accumulates in a central sump in each landfill and is removed daily by a tanker truck, which was observed by the FIT.
- No leachate seeps were noted at the site.
- No exposed wastes were observed. The landfill surface was moderately vegetated.
- Discharge from the groundwater pumping well basin flows down a steep slope and exits the property. The discharge stream flows to the south, toward Gulph Creek.
- Access to the site was restricted by a fence that surrounded the property. Two gates that allow entrance to the site were locked.
- Land use directly adjacent to the site includes an abandoned industrial property to the east, undeveloped and residential areas to the west, an industrial area (Smith Kline and French) to the northwest, undeveloped land to the north, and light industrial and undeveloped land to the south.
- Three monitoring wells and one groundwater pumping well were on the site. One monitoring well was inoperable because a pump was lost in the well.

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ATTACHMENT 1

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SOURCE: (7.5 MINUTE SERIES) U.S.G.S. NORRISTOWN, PA QUAD.

SITE LOCATION MAP

NATIONAL GYPSUM, WEST CONSHOHOCKEN, PA

SCALE 1:24000

FIGURE 1

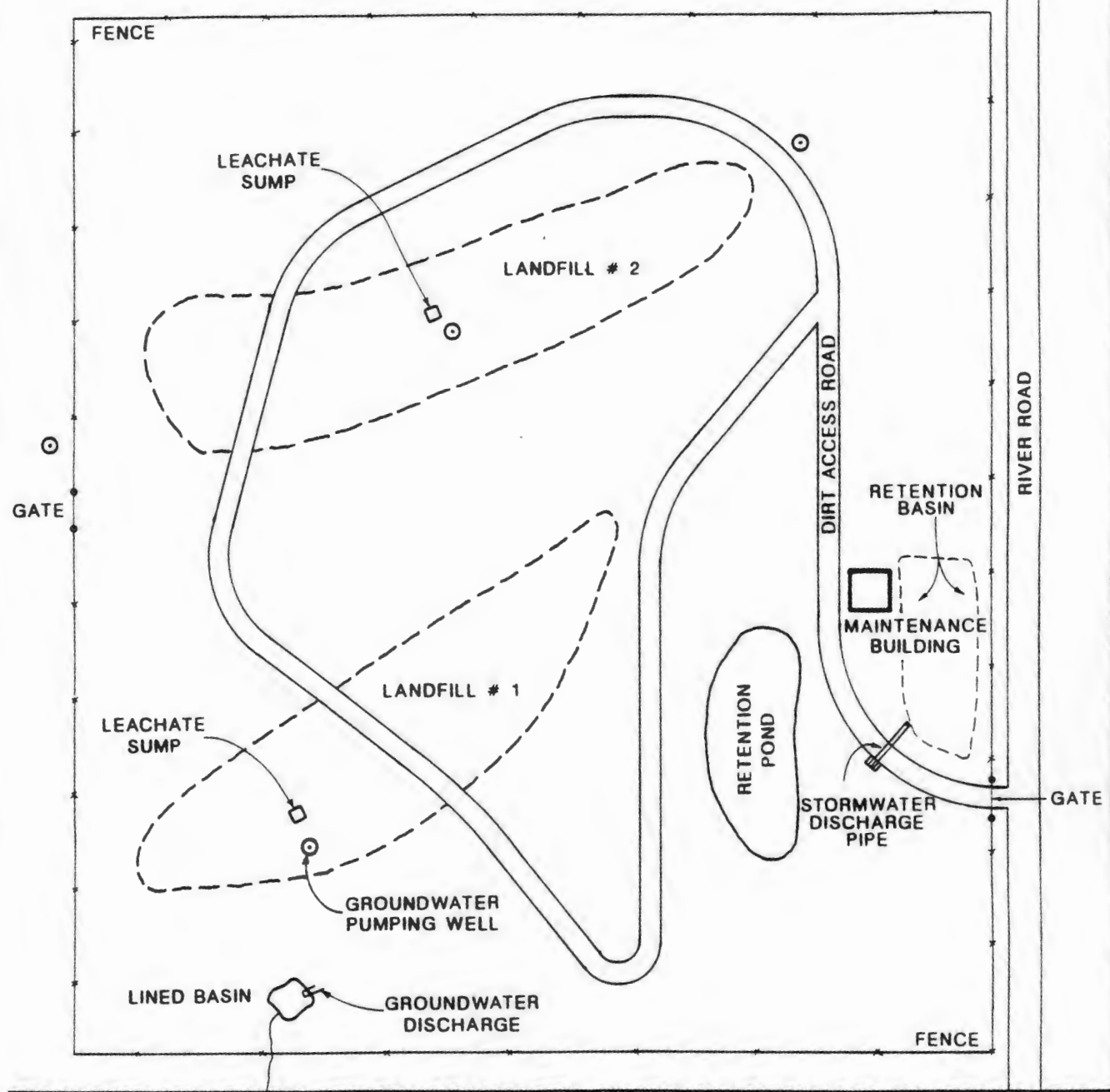


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LEGEND:

⊙ = MONITORING WELL



SITE SKETCH

FIGURE 2

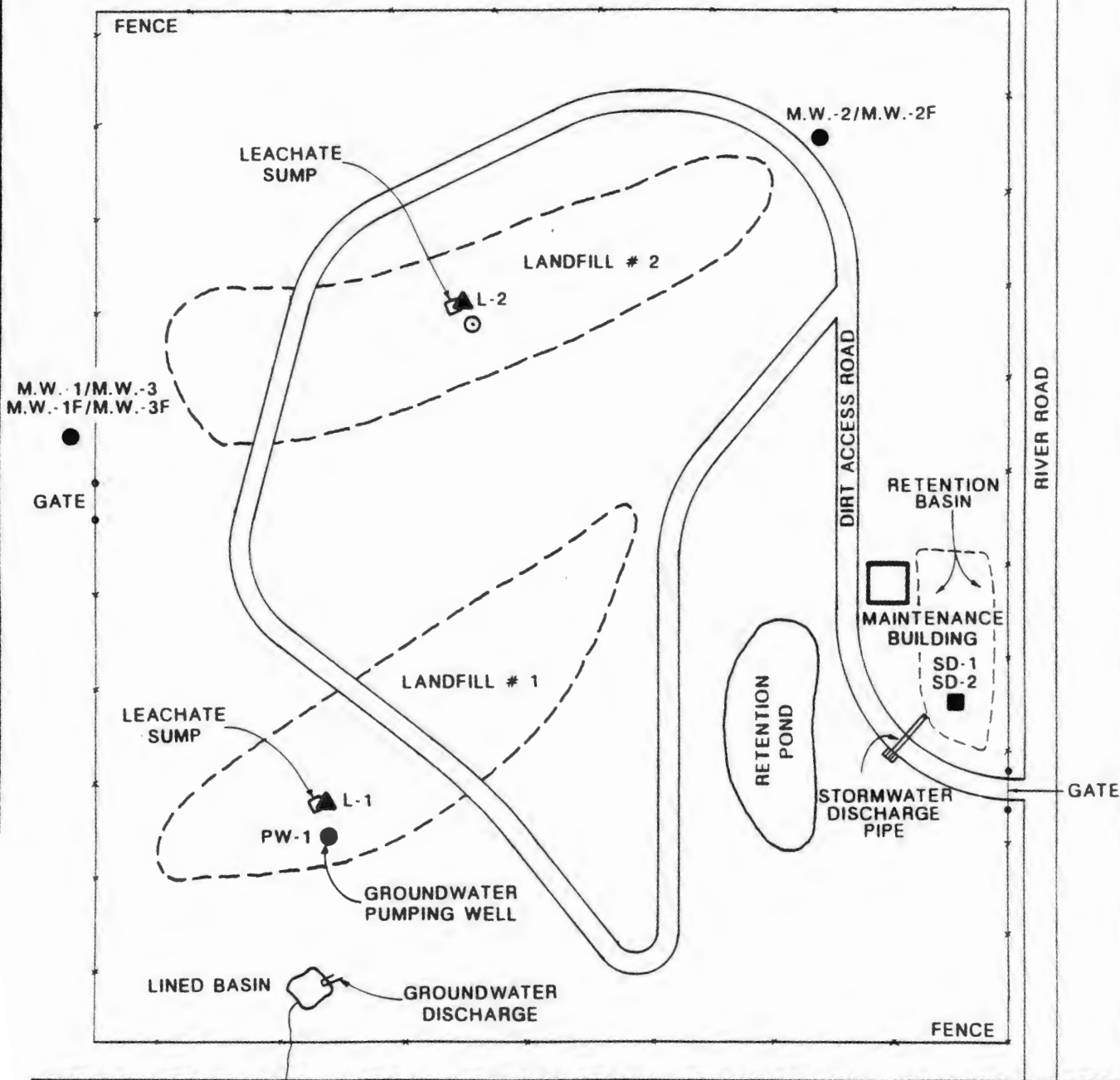
NATIONAL GYPSUM, WEST CONSHOHOCKEN, PA
(NO SCALE)





LEGEND:

- = MONITORING WELL
- = AQUEOUS SAMPLE
- = SEDIMENT SAMPLE
- ▲ = LEACHATE SAMPLE



SAMPLE LOCATION MAP

FIGURE 3

NATIONAL GYPSUM, WEST CONSHOHOCKEN, PA

(NO SCALE)



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ATTACHMENT 2

TDD NUMBER 8909-07
 EPA NUMBER PA-589

SAMPLE LOG

SITE NAME NATIONAL GYPSUM

TRAFFIC REPORTS			SAMPLE IDENTIFIER	PHASE	SAMPLE DESCRIPTION	SAMPLE LOCATION	TARGET USE	pH	FIELD MEASL
Organic	Inorganic	High Hazard							
2579	MCAA 74		MW-1	AQ	6" STEEL CASING TOTAL Depth - 108 feet Sample - clear	County monitoring well MW-2	Monitoring well. NO contact use	6.37	Conductivity 2725 uhm/cm
—	MCAA 75		MW-1F	AQ	Filtered Sample of MW-1	County monitoring well MW-2	Monitoring well NO contact use		
2580	MCAA 76		MW-3	AQ	Duplicate of MW-1				
—	MCAA 77		MW-3F	AQ	Duplicate of MW-1F				
2578	MCAA 41		MW-2	AQ	6" STEEL CASING TOTAL Depth - 80 feet Sample - clear	County monitoring well MW-4	Monitoring well NO contact use	6.24	Conductivity 2725 uhm/cm
—	MCAA 73		MW-2F	AQ	Filtered Sample of MW-2	County monitoring well MW-4	Monitoring well NO contact use		
2581	MCAA 78		PW-1	AQ	Ground water pumping well. Sample - clear, GARBAGE ODOR	Groundwater pumping well used to remove water from beneath LANDFILL #1.	HAS BEEN USED IN THE PAST TO FILL WATER TRUCKS. THAT SPRAYED ROADWAYS.	6.76	Conductivity 2400 uhm/cm
832	MCS 00		L-1	AQ	LEACHATE Collection Sump Sample taken from Pipe used to drain Sump. Sample clear, STRONG GARBAGE ODOR.	LEACHATE Collection Sump for LANDFILL #1	NONE	7.34	Conductivity 17,560 uhm/cm
833	MCS 01		L-2	AQ	LEACHATE Collection Sump Sample taken from pipe used to drain Sump. Sample - Black w/ SHED. STRONG GARBAGE ODOR.	LEACHATE Collection Sump for LANDFILL #2	NONE	6.85	Conductivity 7,300 uhm/cm

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SAMPLE LOG

SITE NAME NATIONAL Gypsum

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